

## August 8 (Friday Morning)

### Parallel Session VI-E (Mathematics Physics)

**Location: M210, 2F, Mathematics Building**

**Chair: Kiyoko Furuya**

- 10:50-11:15 Vector Valued Measure for Path Integral Representation of a Solution for Dirac Equation  
*Kiyoko Furuya (Graduate School of Humanities and Science Ochanomizu University, Japan)*
- 11:15-11:40 Non-Hermitian Extension of the Heisenberg and Schrodinger Uncertainty Relations  
*Kohei Sekikawa (Yamaguchi University, Japan)*
- 11:40-12:05 Generalized Schrodinger Uncertainty Relation Associated with a Monotone or Anti-Monotone Pair Skew Information  
*Minato Tomonari (Yamaguchi University, Japan)*